Serial No. 09/964,765

Intel Corporation
Docket # P11495

Reply under 37 CFR 1.116
Expedited Procedure
Technology Center: 2671

Claim Amendments

1-35 (Canceled).

36. (Previously Presented): A method comprising

generating a plurality of normalized W values representative of pixel depths of an

image,

storing a value that is dependent upon depth parameters of the image and that is

indicative of a floating point format,

converting the normalized W values to the floating point format indicated by the

stored value that is dependent upon depth parameters, and

storing the normalized W values using the floating point format indicated by the

stored value that is dependent upon depth parameters.

37. (Previously presented): The method of claim 36 further comprising

determining whether a pixel is occluded by another pixel based upon a stored

normalized W value for the another pixel.

38. (Previously presented): The method of claim 37 further comprising

displaying non-occluded pixels of the image.

39. (Previously presented): The method of claim 36 further comprising

determining a number of fraction bits and a number of exponent bits for the floating

point format.

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40. (Previously presented): The method of claim 36 further comprising determining a number of fraction bits and a number of exponent bits for the floating point format based upon depth parameters of the image.

41. (Previously presented): The method of claim 36 further comprising determining a number of fraction bits and a number of exponent bits for the floating point format based upon a ratio between a near depth value associated with a near plane of the image and a far depth value associated with a far plane of the image.

42-53. (Canceled).

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